	PATENT A	PPL	_	N FEE D			ON RECO	RD		Ap	oplication o	or Dock	et Number	
		CL	AIMS A	S FILED - I		.1	ımn 2)		SMA TYP		ENTITY	OR	OTHEF SMALL	R THAN ENTITY
FOR			` _	R FILED		NUMBER I		Γ	RATE	_	FEE		RATE	FEE
BASI	C FEE									.3	395.00	OR		790.00
ТОТА	L CLAIMS		3	minus	20 =	* /		ľ	x\$11	=		OR	x\$22=	242
INDE	PENDENT CLA	IMS	$\sum_{i=1}^{n}$	minu	s 3 =	• 5			x41=	=		OR	x82=	410
MULT	IPLE DEPEND	ENT CL	AIM PRES	SENT					+135	=		OR	+270=	
* If th	e difference in co	lumn 1 is	s less than z	ero, enter "0" ir	colum	n 2		L	TOTA	L		OR	TOTAL	1447
		-	MS AS / umn 1)	AMENDED		RT II olumn 2)	(Column 3)	.	SMA	\LL	ENTITY	OR		R THAN ENTITY
AMENDMENT A		REM.	AIMS AINING TER IDMENT	in the second	PRE	GHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE		ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Ž DM	Total	•	·	(vlinus	** .		=		x\$11:	=		OR	x\$22=	
ME	Independent	*		Minus	***		=		x41=	= .		OR	x82=	
Ľ	FIRST PRE	SENTA	TION OF	MULTIPLE	DEPE	NDENT CL	AIM		+135	=	_	OR	+270=	
		(Col	umn 1)		(C	Column 2)	(Column 3)	Ai	TOT DDIT. F			OR	TOTAL ADDIT. FEE	
ENT B		CL REM	AIMS IAINING FTER NDMENT		HI N PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	=	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
IDMI	Total	*		Minus	**		=		x\$11	=		OR	x\$22=	
AMENDME	Independent	*		Minus	***		=		x41=	=	-	OR	x82=	,
lacksquare	FIRST PRE	SENTA	TION OF	MULTIPLE	DEPE	NDENT CL	AIM		+135	=		OR	+270=	
		(Col	umn 1)		(C	Column 2)	(Column 3)	A	TOT DDIT. F			OR	TOTAL ADDIT. FEE	
ENT C		REM AF	AIMS AINING TER IDMENT		NI PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE		ADDI- TIONAL FEE		RAŢE	ADDI- TIONAL FEE
MON	Total	*		Minus	**		=		x\$11	=		OR	x\$22=	
AMENDMENT	Independent	•		Minus	***		=		x41=	=		OR	x82=	
	FIRST PRE								+135	=		OR	+270=	
***If	the entry in colu the "Highest Nur the "Highest Nur ne "Highest Num	nber Pre nber Pre	eviously Pa eviously Pa	id For" IN THIS id For" IN THIS	S SPAC S SPAC	E is less than E is less than	20, enter "20."		TOT DDIT. F in the ap	EE	oriate box in		TOTAL ADDIT. FEE 1.	

Application	or	Docket	Num	ber
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PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

		CLAIMS AS	FILED - F	PART I		SMALL	ENTITY		OTHER	THAN
			olumn 1)		mn 2)	TYPE		OR	SMALL	
FC)R	NUMBE	R FILED	NUMBER	EXTRA	RATE	FEE		RATE	FEE
BA	SIC FEE		100 may 221				345.00	OR		690.00
TC	TAL CLAIMS		minus 20)= *		X\$ 9=		OR	X\$18=	
INC	EPENDENT CL	AIMS	minus 3	= *	·	X39=		OR	X78=	
ΜÙ	LTIPLE DEPEN	DENT CLAIM PR	RESENT			+130=		1	+260=	
• If	the difference	in column 1 is l	less than zero	o, enter "0" in c	column 2		<u> </u>	OR		
			TOTAL		OR	TOTAL	THAN			
	CI	LAIMS AS A (Column 1)	INIENDED	(Column 2)	(Column 3)	SMALL	ENTITY	OR	OTHER SMALL I	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON NON	Total	· 38.	Minus	3/	= 7	X\$ 9=		OR	X\$18=	126.00
AME	Independent	• //	Minus	*** 8	= 3	X39=		OR	X78= ∫	234.00
	FIRST PRESE	NTATION OF MU	JLTIPLE DEPE	ENDENT CLAIM		+130=		OR	+260=	
						TOTAL			TOTAL	360.D
		(Column 1)		(Column 2)	(Column 3)	ADDIT. FEE		1	ADDIT. FEE	
TB		CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA	RATE	ADDI- TIONAL		RATE	ADDI- TIONAL
EN EN		AMENDMENT		PAID FOR	LATINA		FEE			FEE
AMENDMENT B	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	ATATION OF M	Minus	***	=	X39=	-	OR	X78 _. =	
┢	FIRST PRESE	NTATION OF MI	JETIPLE DEPL	ENDENT CLAIM		+130=		OR	+260=	-
		. •				TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
				(Column 2)	(Column 3)					
ပ		(Column 1)		(Column 2)	1					
ENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDMENT	Total	CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY	PRESENT	RATE X\$ 9=	TIONAL	OR	RATE X\$18=	TIONAL
MENDMENT	Total Independent	CLAIMS REMAINING AFTER	Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	X\$ 9=	TIONAL	OR	X\$18=	TIONAL
AMENDMENT C	independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		TIONAL	OR OR		TIONAL
	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU	Minus JETIPLE DEPI	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** ENDENT CLAIM	PRESENT EXTRA	X\$ 9=	TIONAL		X\$18=	TIONAL
•	Independent FIRST PRESE If the ntry in colu If the "Highest Nu	CLAIMS REMAINING AFTER AMENDMENT	Minus JATIPLE DEPI The entry in column aid For IN THIS	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** ENDENT CLAIM an 2, write "0" in & SPACE is less the	PRESENT EXTRA = = slumn 3. an 20, enter "20."	X\$ 9= X39=	TIONAL	OR	X\$18= X78=	TIONAL

CATION EE DETERMINATION RECORD

Effective October 1, 2001

,	CLAIMS	AS FILE	D - PART		CMA	LL EN	Time			,—,—,—,—,—,—,—,—,—,—,—,—,—,—,—,—,—,—,—
TOTAL CLAI	MQ.	(Coli	umn 1)	(Column 2)	TYPI			PO	OTHI SMAL	ER THAN L ENTITY
					R/	TE	FEE	7	RATE	
FOR			BER FILED	NUMBER EXTRA	BASI	C FEE	370.00	OR	BASIC FE	EE 740.00
TOTAL CHAR	GEABLE CLAIM	S	minus 20=	*	X\$	9=		OR	X\$18=	
INDEPENDEN			minus 3 =	* 	X4	2=		1	<u> </u>	
MULTIPLE DEI	PENDENT CLAIN	A PRESENT]	-		OR	A04=	
* If the differer	nce in column 1	is less than	i zero, enter	"0" in column 2	+14			OR	+280≂	
	CLAIMS AS				TOT	AL L		OR	TOTAL	
	(Column 1		(Colum		∴ SMA	LL EN	ITITY	OR :		R THAN ENTITY
e la	REMAINING	6	HIGHE NUMB	ST] [1	ADDI-	1 [ADDI-
Total Independen	AFTER: AMENDMEN		PREVIO	USLY EXTRA	RAT		ONAL FEE		RATE	TIONAL
Total Independen	1.7/2	Minus Minus	** O	2	X\$ 9	=		OR	X\$18=	36
FIRST PRE	SENTATION OF	1	EPENDENT (CLAIM \square	X42	=		OR	X84=	
					+140	=.		OR'	+280=	
			•		TO1 ADDIT. F			OR A	TOTAL DDIT. FEE	
ACTOR AND A STATE OF	(Column 1) CLAIMS	Towns Cares	(Columnia)							
Total Independent	REMAINING AFTER AMENDMENT		NUMBE PREVIOU PAID FO	R PRESENT	RATE	Tic	DDI- DNAL EE		RATE	ADDI- TIONAL FEE
Total	. *	Minus	. **	. =	X\$ 9=			OR -	X\$18=	
Independent	* ENTATION OF M	Minus	***	= '	X42=			-	X84=	
		IOLTIFEE DE	PENDENT	LAIM []	+140=	-		~`` 	-	
	•				TOTA				+280= TOTAL	
	(Column 1)		(Calumna	0) (0.1	ADDIT. FE			OR AD	DIT. FEE	
	CLAIMS		(Column HIGHES							
	REMAINING AFTER AMENDMENT		NUMBER PREVIOUS PAID FOR	SLY EXTRA	RATE	AD TIOI			RATE	ADDI- TIONAL
Total	*	Minus	**	= .	X\$ 9=	1			√ \$18=	FEE
Independent	*	Minus	***	=	X42=	+	$\neg \mid$	`		
FIRST PRESE	NTATION OF MI	JLTIPLE DEF	PENDENT CL	AIM	742=	-	^0	R L	X84=	
f the entry in colu	nn 1 is less than th	e entry in colu	ma 2. writa "O"	in column 2	+140=		Of	∓ ا ہ	280=	
f the "Highest Nur	ทber Previously Pa mber Previously Pa	id For" IN THIS	S SPACE is less	s than 20, enter "20."	TOTAL ADDIT. FEE	L	OF	A1111	TOTAL DIT. FEE	
The "Highest Num	ber Previously Paid	f For" (Total or	Independent) is	s than 3, enter "3." s the highest number fo	ound in the ap	propriat	le box in	column	. 1. '	

		_				
 1 			. 4	-21	- 4	,
. <i>L</i>	7 11		~	*//	-0	_
7/	"	_	•	a 1		€::

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

	Effective November 10, 1998						09-069668				
		CLAIMS A	S FILED - Column 1)	(Colu	ımn 2)		SMALL I	ENTITY	OR	OTHER SMALL	
FC	OR .	NUMB	ER FILED	NUMBER	EXTRA	Γ	RATE	FEE]	RATE	FEE
BA	ASIC FEE	A CONTRACT OF THE PARTY OF THE		randon a rando esta que le aporte transmer en en				380.00	OR		760.00
TC	OTAL CLAIMS	3	minus	20= *	18		X\$ 9=		OR	X\$18=	32400
INE	DEPENDENT CI	_AIMS	minus	3 = *	8		X39=		OR	X78=	64000
ML	JLTIPLE DEPEN	IDENT CLAIM F	PRESENT	a' .			+130=		OR	+260=	
* Jf	the difference	in column 1 is	less than ze	ero, enter "0" in o	column 2	L	TOTAL		OR	TOTAL	
	CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)						SMALL	ENTITY	OR	OTHER SMALL I	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	*.37	Minus	** 38	=		X\$ 9=	•	OR	X\$18≠	
WE!	independent	13/2	Minus	***:112	= 7=	f	X39=		OR	X79	168
_	FIRST PRESE	NTATION OF M	IULTIPLE DE	PENDENT CLAIM	1201	M	+130=		OR	+260=	>
•	F				9.1	L	TOTAL ODIT. FEE	1,	_	TOTAL ADDIT: FEE	168.0
-		(Column 1)		(Column 2)	(Column 3)	AL	JUII. FEE J			,DD11.1 CC1	
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	. 40	Minus y	<i> 38</i>	= 2	仃	X\$ 9=	·	OR	X\$18=	360
AMENDMENT	Independent	. 13	Minus	*** 13	=	T	X39=		OR	X78=	
	FIRST PRESE	ENTATION OF M	IULTIPLE DE	PENDENT CLAIM		ľ	+130=		OR	+260=	•
; ;						ΑI	TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
٠		(Column 1)		(Column 2)	(Column 3)		4				
ENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE-	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MON	Total	*	Minus	**	=		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	*	Minus	***	=	 	X39=	1	OR	X78=	
٧,	FIRST PRESE	NTATION OF M	IULTIPLE DE	PENDENT CLAIM		H	200		UH ∴	- Kai	774 M 3x
e •	lf the physical action	mn 1 in less than	the entry in sel	ımn 2, write "0" in co	duma a	L	+130=		0R	+260=	
**	if th "Highest Nu	mber Previously F	aid For IN TH	IMn 2, write "0" in co IS SPACE is less tha IS SPACE is less tha	an 20, ent r "20."	Ā	TOTAL DIT. FEE		OR,	TOTAL ADDIT, FEE	
	The Highest Nur	nber Previously P	aid For (Total o	r Independent) is th	માં ૭, enter ૩. highest number	r foun	d in the app	propriate box	in co	umnit 🔻	